

CLIPPEDIMAGE= JP361295617A
PAT-NO: JP361295617A
DOCUMENT-IDENTIFIER: JP 61295617 A
TITLE: FORMATION OF INDUCTOR CORE PATTERN

PUBN-DATE: December 26, 1986

INVENTOR-INFORMATION:

NAME

MURAMATSU, YASUHIKO

TACHIKAWA, YOSHIHIKO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

YOKOGAWA ELECTRIC CORP

N/A

APPL-NO: JP60138593

APPL-DATE: June 25, 1985

INT-CL_(IPC): H01F041/04

US-CL-CURRENT: 29/602.1

ABSTRACT:

PURPOSE: To form thicker the thickness of the conductor leaving the thickness of the resist intact the conventional thickness by a method wherein the conductor having the ratio of the width to the depth is 1:2, is formed in the substrate.

CONSTITUTION: The resist to be formed in the process C conforming to the groove to be formed in the processes D and A is exposed and developed and a the resist is photoetched. In this case, the liquid resist to fill the groove to be formed in the process A is etched according to the configuration of a glass parent material 1. Accordingly a rectangle-shaped deep groove 13, wherein the ratio of the width to the depth is nearly 1:2, can be formed in the surface of the glass parent material 1. A rectangle-shaped conductor 14 (for example, Cu conductor) is formed in the deep groove 13 to be formed in the processes E and D by performing an electroforming. The glass parent material 1 is removed in the process H and the conductor 14 to be formed by performing an electroforming is formed in a substrate 15 to be arranged in the process G. As a result, the conductor is formed in the shape of being embedded the half thereof in a resin 16 on the substrate 15.

COPYRIGHT: (C)1986,JPO&Japio